

APPROVED BY/DATE  
 C. Westoby 5-21-92  
 REV 9

**SAFETY ORGANIZATION(S).**

THIS FILTER HAS BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS HAVE BEEN MET.

UL RECOGNIZED  
 CSA CERTIFIED  
 VDE APPROVED  
 SEV APPROVED

UL 544  
 CSA 22.2, NO.0,0,4,8  
 VDE 565-3  
 SEV 1055/TP1977/5.1.1

**OPERATING SPECIFICATIONS.**

LINE VOLTAGE/CURRENT:

5 AMP., 120/250 VAC  
 6 AMP./40°C, 250 VAC  
 50-60Hz  
 40°C

LINE FREQUENCY:

MAX. CASE RISE @ RATED CURRENT,  
 MAX. LEAKAGE CURRENT, EACH  
 LINE TO GROUND

OPERATING AMBIENT TEMP. RANGE:

-10°C TO +40°C @ RATED CURRENT,  $I_r$   
 IN AN AMBIENT,  $T_a$ , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT,  $I_o$ , IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{85 - T_a}{45}}$$

**RELIABILITY SPECIFICATIONS.**

STORAGE TEMPERATURE:

-40°C TO +85°C  
 21 DAYS @ 40°C 95% RH

HUMIDITY:

6 TIMES RATED CURRENT FOR 8 SECONDS

CURRENT OVERLOAD TEST:

**TEST SPECIFICATIONS.**

INDUCTANCE:

.465 mH NOMINAL  
 CAPACITANCE; (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)

LINE TO LINE:

.01µF ±20%  
 1.5 MΩ  
 6000 MΩ (MIN) AT 100 VDC

DISCHARGE RESISTOR,  
 LINE/GROUND AND LINE/LINE

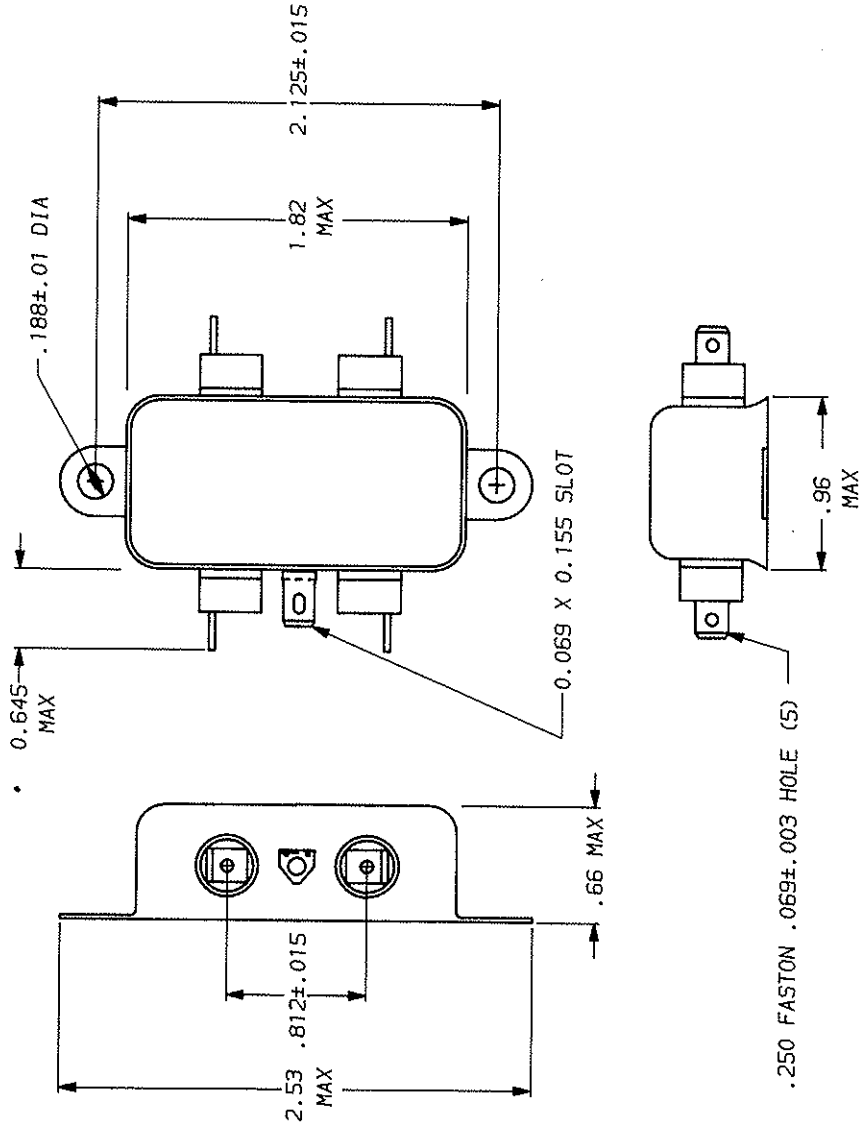
INSULATION RESISTANCE  
 (R/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOT:

2250 VDC FOR 1 MINUTE  
 1450 VDC FOR 1 MINUTE

**FILTER APPROVAL.**

THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.



**TOLERANCE EXCEPT AS NOTED**

DECIMAL: .XXX .XX .X ANGLES  
 ENGLISH: ± .025 ± 1°  
 METRIC: ±

MATERIAL:

AS SUPPLIED

FINISH:  
 AS SUPPLIED

**50Ω - 50a MINIMUM INSERTION LOSS**

FREQUENCY MHz	.15	.2	.5	1.0	10	20	30
COMMON	9	11	16	20	23	20	16
dB							

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LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS 9-12-89  
 REV. NO. 6EH1.09  
 DATE: 9-12-89  
 PREP. BY: TDL  
 ORIGINATOR: CW

\*RESISTOR ADDED TO PRODUCT BUILT AFTER 3-30-92 (9212).

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